

# LQP03PN4N7J02#

“#” at the end indicates the package specification code.

Size Code 0201 (0603) in inch (in mm), Large Current

In Production

RoHS

REACH

125 °C max.

Film

Low Rdc

Reflow OK

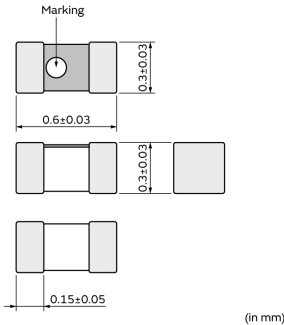
< List of part numbers with package codes >

LQP03PN4N7J02B                      LQP03PN4N7J02D                      LQP03PN4N7J02J

## Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	<p>Consumer equipment, Medical equipment [GHTF A/B/C] except for implant &amp; surgery &amp; auto injector, Industrial equipment except for transportation &amp; facility &amp; energy equipment</p> <p>Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.</p>
Recommended Applications	Consumer equipment

## Appearance & Shape



**Attention**

- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- 2.This datasheet has only typical specifications because there is no space for detailed specifications.  
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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## References

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	500
D	180mm Paper Tape	15000
J	330mm Paper Tape	50000

Mass (typ.)	
1 piece	0.2mg

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## Specifications

L size	0.6±0.03mm
W size	0.3±0.03mm
T size	0.3±0.03mm
Size code inch (mm)	0201 (0603)
Inductance	4.7nH±5%
Inductance Test Frequency	500MHz
Rated current (Itemp) (Based on Temperature rise)	900mA(Ambient temp.85°C) 600mA(Ambient temp.125°C)
Max. of DC resistance	0.14Ω
Operating Temperature Range(Self-temperature rise is not included)	-55°C to 125°C
Class of magnetic shield	Non-Shielded
Q(min.)	10
Q Test Frequency	500MHz
Self resonance frequency (min.)	4400MHz
Brand	Murata
Series	LQP03PN_02

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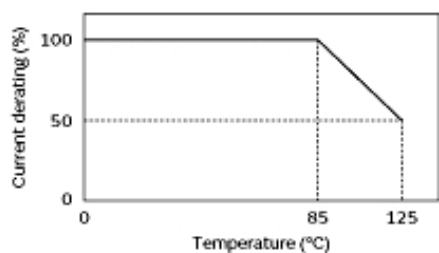
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## Notice For General

In operating temperatures exceeding +85°C, derating of current is necessary for this series.

Please apply the derating curve shown in the chart according to the operating temperature.

### Derating of Rated Current



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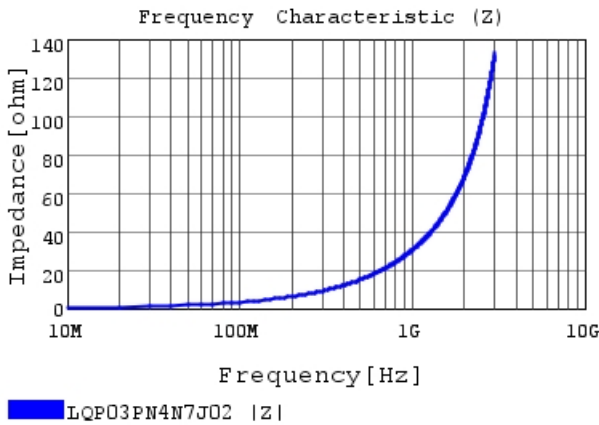
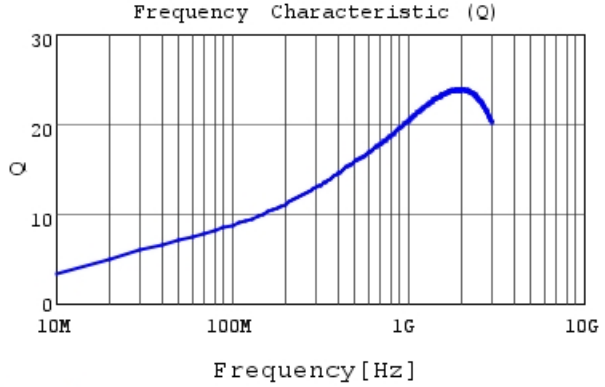
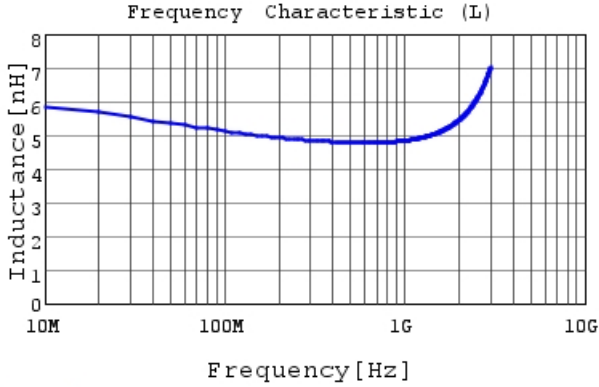
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## Characteristic Data

The charts below may show another part number which shares its characteristics.



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